

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047086.D
 Acq On : 10 Feb 2022 20:14
 Operator : SY/MD
 Sample : N1462-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 01:16:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

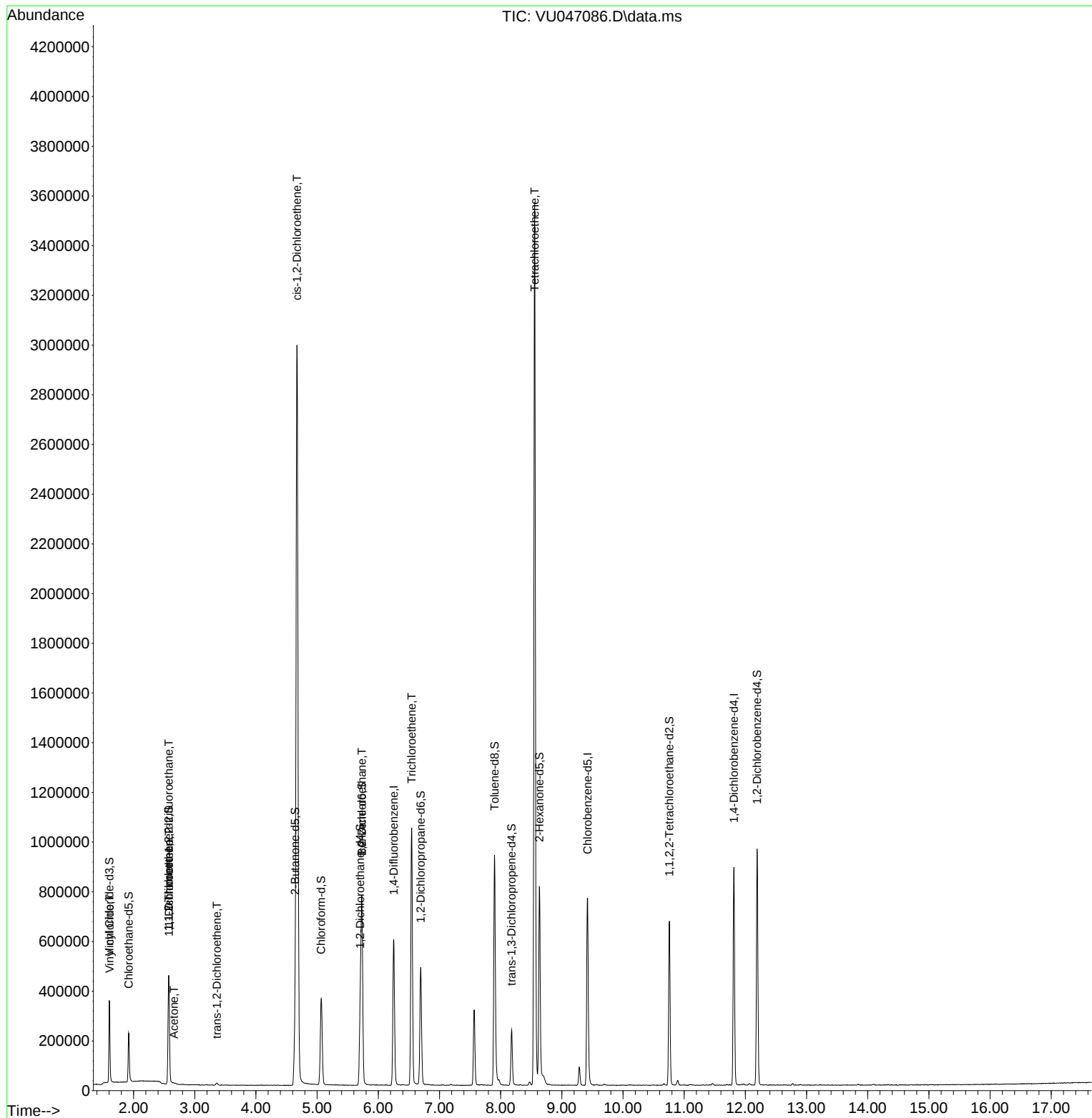
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	494535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	461083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	237639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	198022	44.089	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.180%
7) Chloroethane-d5	1.919	69	153539	46.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	2.575	63	264081	35.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.960%
21) 2-Butanone-d5	4.642	46	409929	117.683	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.680%
24) Chloroform-d	5.067	84	325833	44.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
26) 1,2-Dichloroethane-d4	5.703	65	216180	46.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
32) Benzene-d6	5.732	84	709260	46.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	6.694	67	230947	46.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	7.899	98	667763	45.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
43) trans-1,3-Dichloroprop...	8.179	79	118746	45.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.160%
47) 2-Hexanone-d5	8.632	63	299926	105.314	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.310%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	337900	46.616	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.240%
66) 1,2-Dichlorobenzene-d4	12.192	152	258312	45.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.660%
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	55144	12.001	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2594	0.791	ug/L #	23
12) 1,1-Dichloroethene	2.578	96	2880	0.896	ug/L #	1
13) Acetone	2.662	43	6804	2.681	ug/L	76
17) trans-1,2-Dichloroethene	3.363	96	3334	0.987	ug/L	77
20) cis-1,2-Dichloroethene	4.671	96	1522261	407.327	ug/L #	93
27) 1,2-Dichloroethane	5.732	62	4105	0.831	ug/L	99
34) Trichloroethene	6.546	95	353890	94.733	ug/L	98
46) Tetrachloroethene	8.555	164	831489	276.692	ug/L	97

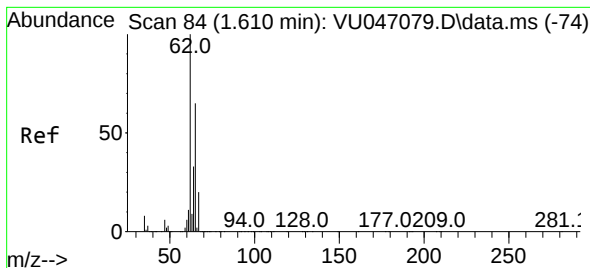
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.001 ug/L

RT: 1.610 min Scan# 84

Delta R.T. 0.000 min

Lab File: VU047086.D

Acq: 10 Feb 2022 20:14

Instrument :

MSVOA_U

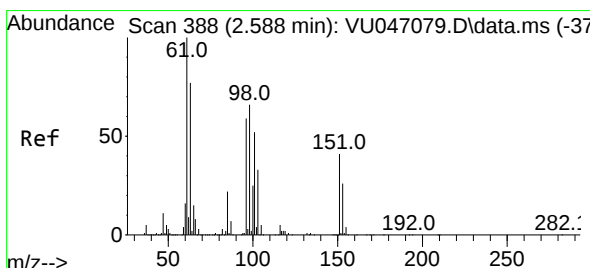
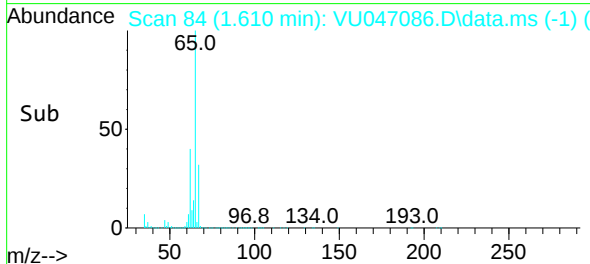
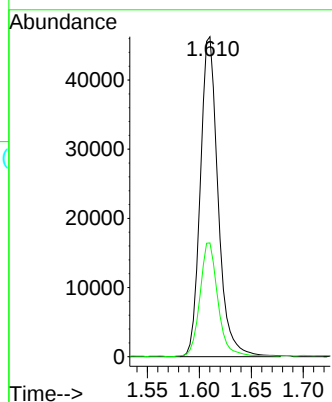
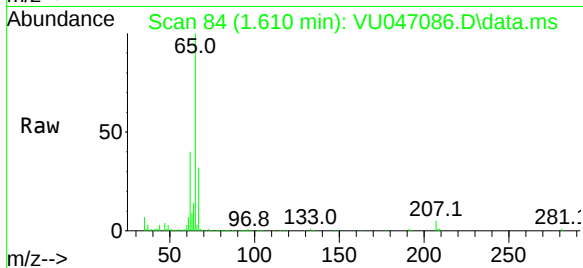
ClientSampleId :

Tgt Ion: 62 Resp: 55144

Ion Ratio Lower Upper

62 100

64 35.5 23.1 42.9



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.791 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047086.D

Acq: 10 Feb 2022 20:14

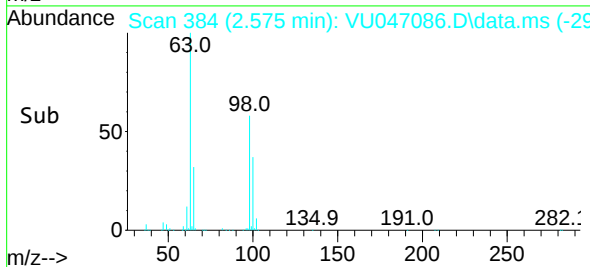
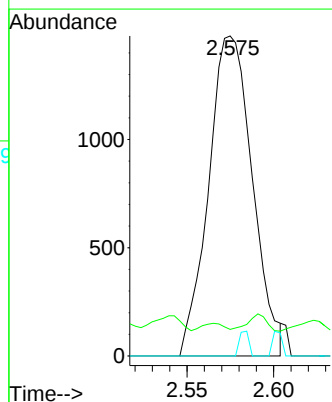
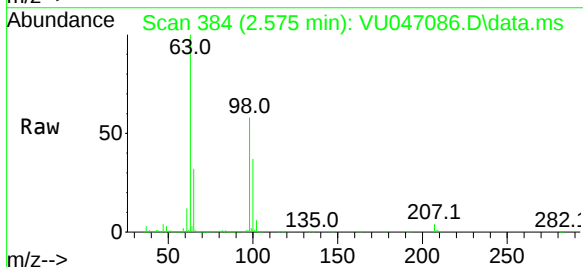
Tgt Ion: 101 Resp: 2594

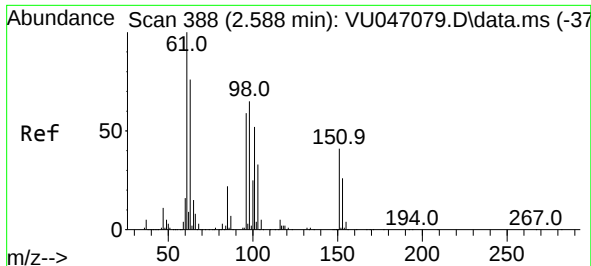
Ion Ratio Lower Upper

101 100

85 2.0 34.9 52.3#

151 1.7 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 0.896 ug/L

RT: 2.578 min Scan# 388

Delta R.T. -0.010 min

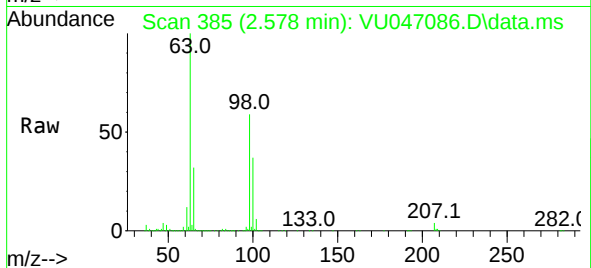
Lab File: VU047086.D

Acq: 10 Feb 2022 20:14

Instrument :

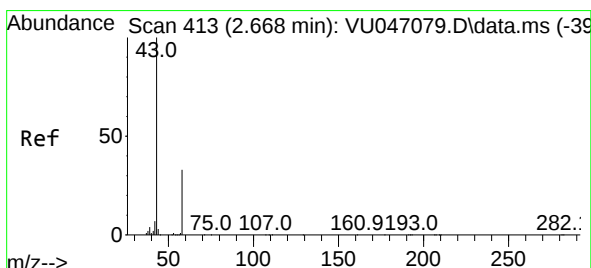
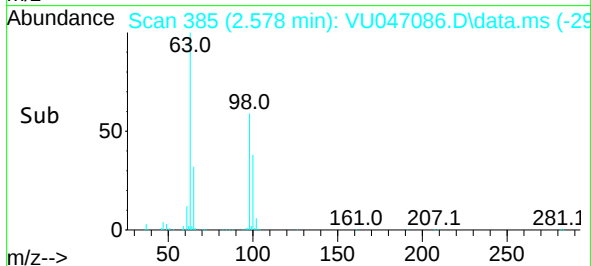
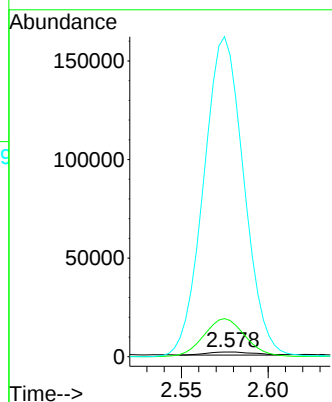
MSVOA_U

ClientSampleId :



Tgt Ion: 96 Resp: 2880

Ion	Ratio	Lower	Upper
96	100		
61	775.4	114.9	213.3#
63	6448.6	86.0	159.8#



#13

Acetone

Concen: 2.681 ug/L

RT: 2.662 min Scan# 411

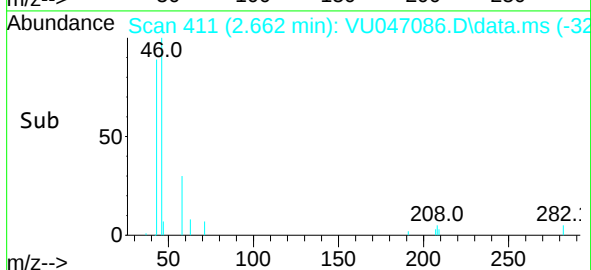
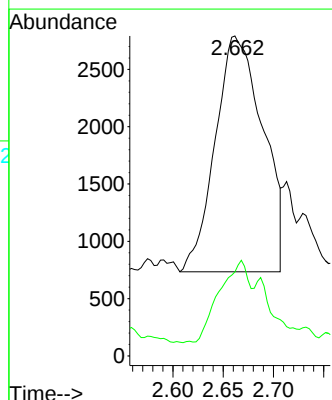
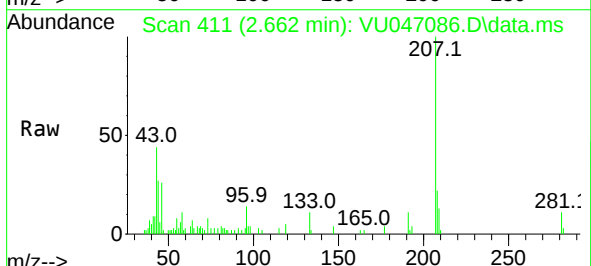
Delta R.T. -0.006 min

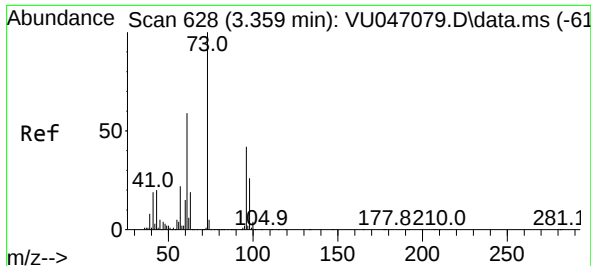
Lab File: VU047086.D

Acq: 10 Feb 2022 20:14

Tgt Ion: 43 Resp: 6804

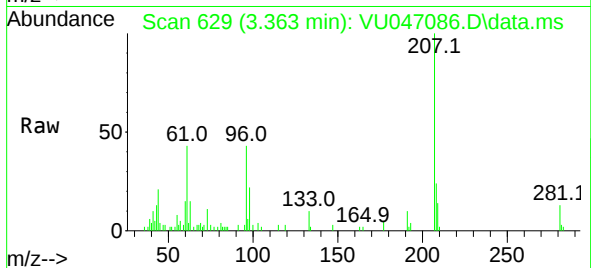
Ion	Ratio	Lower	Upper
43	100		
58	21.2	0.0	71.0



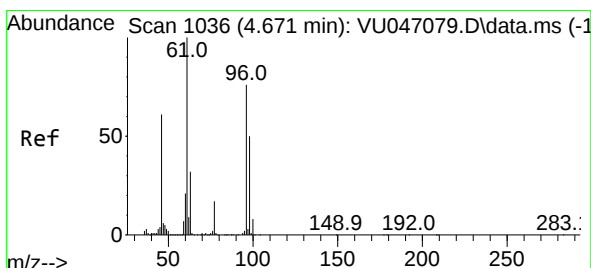
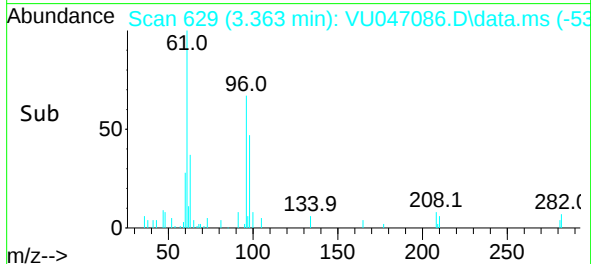
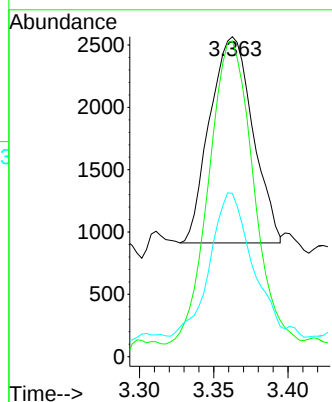


#17
trans-1,2-Dichloroethene
Concen: 0.987 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

Instrument :
MSVOA_U
ClientSampleId :

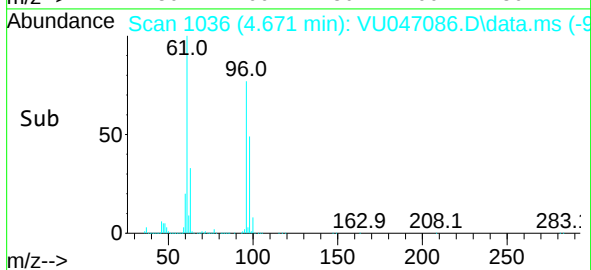
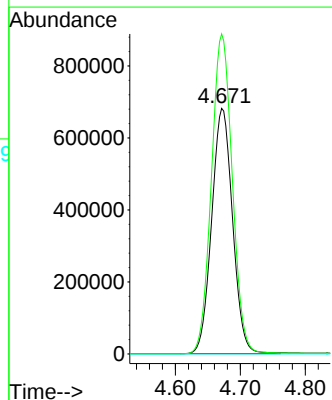
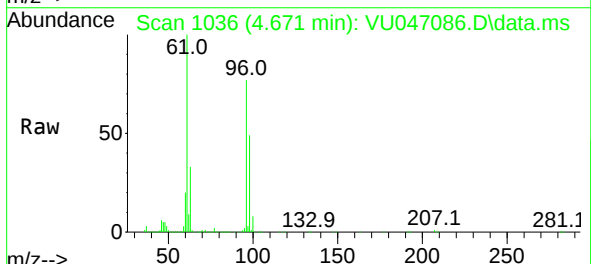


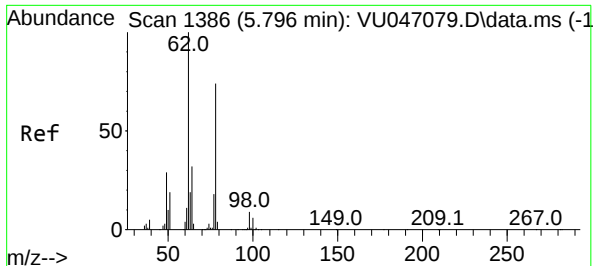
Tgt Ion: 96 Resp: 3334
Ion Ratio Lower Upper
96 100
61 98.6 92.5 171.9
98 51.0 42.4 78.6



#20
cis-1,2-Dichloroethene
Concen: 407.327 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

Tgt Ion: 96 Resp: 1522261
Ion Ratio Lower Upper
96 100
61 130.3 86.0 159.6
68 0.0 0.0 0.0#

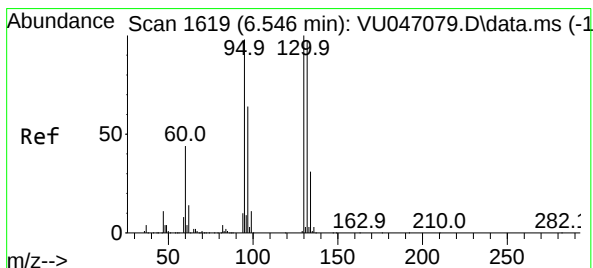
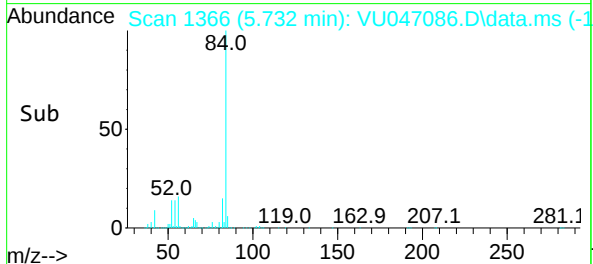
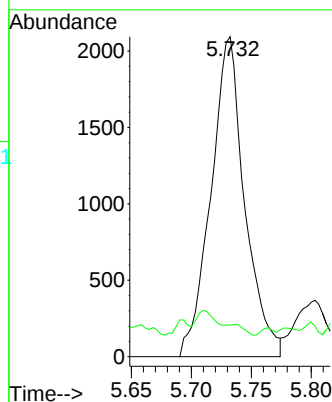
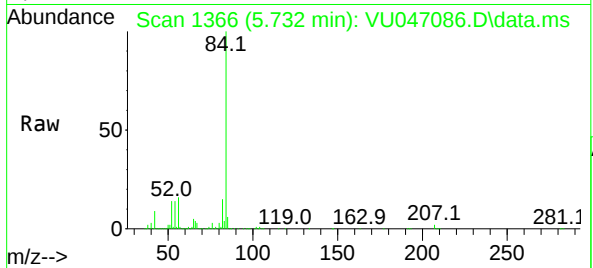




#27
1,2-Dichloroethane
Concen: 0.831 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.064 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

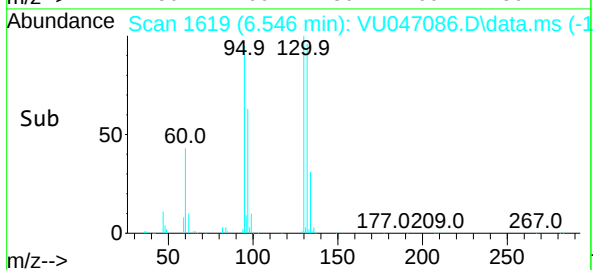
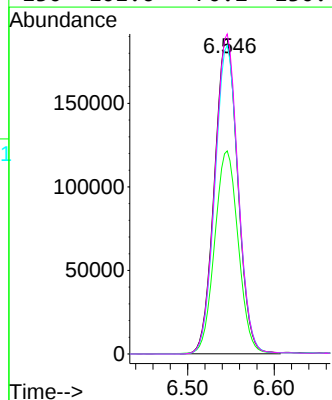
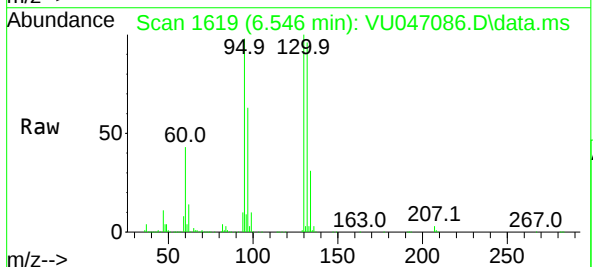
Instrument :
MSVOA_U
ClientSampleId :

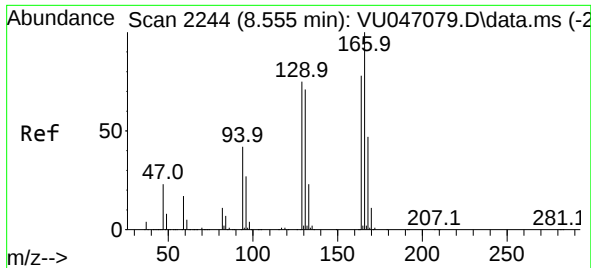
Tgt Ion: 62 Resp: 4105
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5



#34
Trichloroethene
Concen: 94.733 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

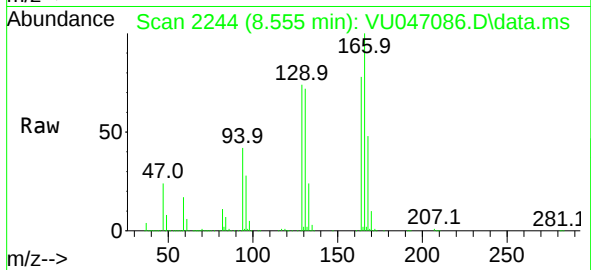
Tgt Ion: 95 Resp: 353890
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.7
132 98.0 66.7 123.9
130 101.6 70.2 130.4





#46
 Tetrachloroethene
 Concen: 276.692 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047086.D
 Acq: 10 Feb 2022 20:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:164 Resp: 831489
 Ion Ratio Lower Upper
 164 100
 129 95.2 69.5 129.1
 131 92.2 67.0 124.4
 166 128.1 90.6 168.2

